100nF
C3
+5V

POT-A
TK1
3 2 1
R1 4k7
R2 330R
+5V

C1

R3 4k7
+5V

+5V

U1A
T1A
AAI 4
T2A 2
CDA 3
ABI 5
QA 6
QA 7

HD1
1 2
3 4
5 6
7 8
9 10
11 12
13 14
15 16

+5V

A
SW1

R4 4k7
+5V

TK3
3 2 1

PULSE1

FN1
1
2
+5V

POT-B
TK2
3 2 1
R5 4k7
R6 330R
+5V

C2

R7 4k7
+5V

U1B
T2A
BAI 15
T2B 12
CDB 14
BBI 13
QB 11
QB 10
QB 9

HD2
1 2
3 4
5 6
7 8
9 10
11 12
13 14
15 16
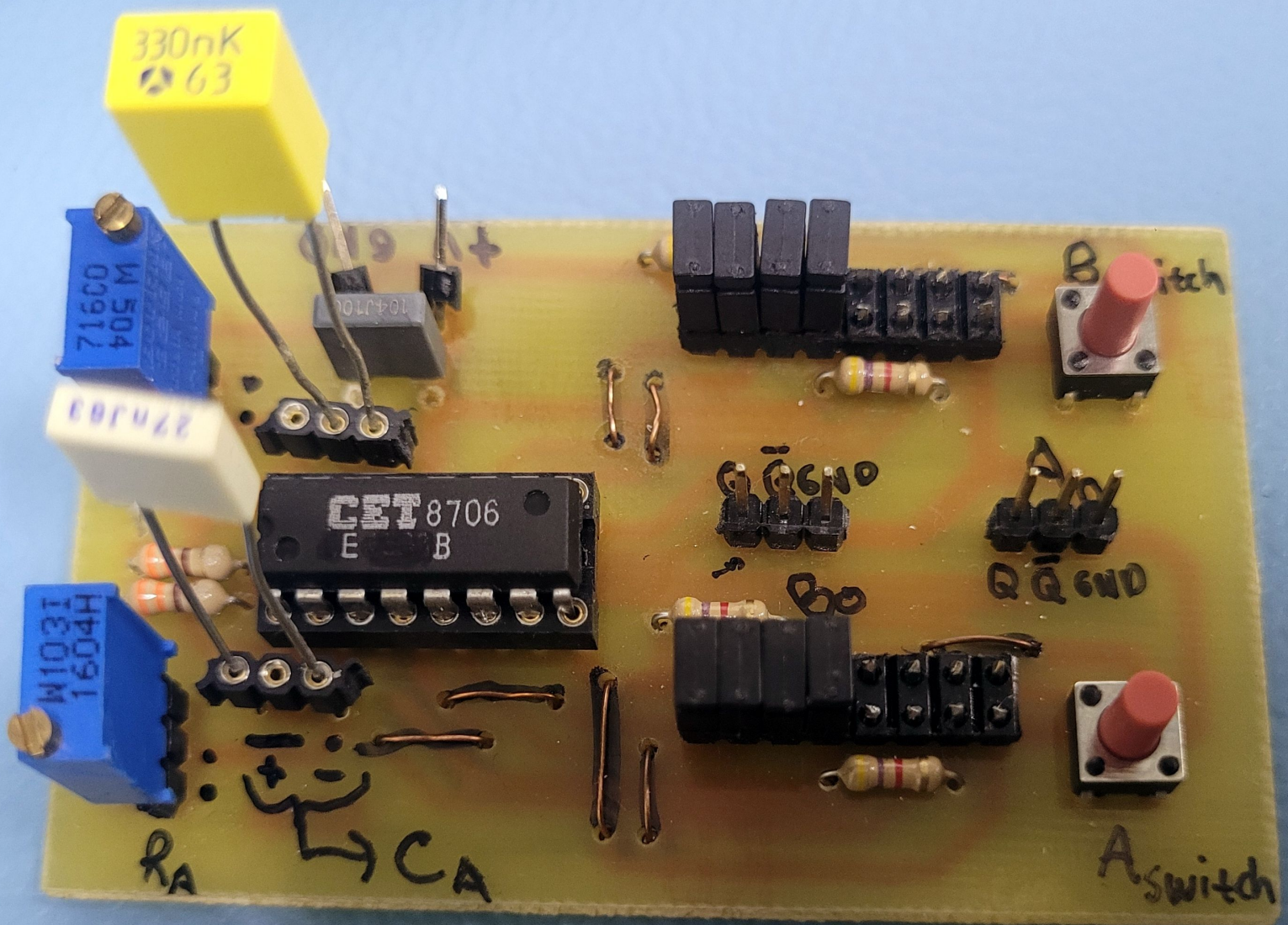
+5V

B
SW2

R8 4k7
+5V

TK4
3 2 1

PULSE2

!! Purpose of the jumpers was changeable rising, falling edge inputs. But, I forgot to change input pins with jumpers. Board was intented to use as a single pulse generator module with buttons and later adding physical male or female pins to input pins so single pulse could be both controlled with a signal and buttons. In this situation, board works x2 single pulse generator with rising edge detection.

0V0 +6V

B switch

104J100

CET 8706

E   B

Q Q̄ GND

A₀
Q Q̄ GND

B₀

R̂A   C A

A switch